

02-15-00

A

Comparable to Form PTO/SB/19 (4/98)  
 Approved for use through 03/30/00. OMB0651-0032  
 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

**PLANT PATENT APPLICATION TRANSMITTAL**  
 (For new Non-provisional applications under 37 CFR 1.53(b))

jc584 U.S. PTO  
 09/503380  
 02/14/00

Attorney Docket No.: BAL6019P0190US  
 First Named Inventor: Neil Owen Anderson et al.  
 Express Mail Label No. EL515099800US

Box PATENT APPLICATION  
 Assistant Commissioner For Patents  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a new plant patent application of inventor(s): Neil Owen Anderson and Peter David Ascher and entitled: Chrysanthemum Plant Named 95-157-6.

**Application Elements:**

1. ☒ Specification containing 10 pages (2 copies required (37 CFR §1.163(b) - preferred arrangement set forth below)
  - Descriptive Title of the Invention (with Plant's name)
  - Cross-reference to Related applications (if applicable)
  - Statement regarding Federally-sponsored Research & Development (if applicable)
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Botanical Description
  - Claim(only one (1) permitted MPEP 1605)
  - Abstract of the Disclosure
2. ☒ Drawings: 4 Sheets of Color Drawing(s) (2 copies required - 37 CFR §1.165(b))
3. ☒ Oath or Declaration
  - a. ☒ An executed declaration or oath for the plant patent application including a power of attorney,
  - b. ☐ An unexecuted declaration or oath for the plant patent application including a power of attorney;
  - c. ☐ Copy from a prior application (37 CFR 1.63(d), for continuation/divisional with No. 16 completed. [Note No. 4 below.]).
    - i. ☐ Signed statement attached deleting inventor(s) named in the prior application (see 37 CFR 1.63(d)(2) and 1.33(b)).
4. ☐ **For CONTINUATION or DIVISIONAL Applications only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3c, is considered as being part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.
6. ☐ Plant Color Coding Sheet.
7. ☐ Assignment Papers (cover sheet, document(s) and requisite fee).
8. ☐ 37 CFR 3.73(b) Statement (where there is an assignee)
  - ☐ Power of Attorney

9. ☐ English Translation document (if applicable)
10. ☐ Information Disclosure Statement (IDS), including PTO-1449  
☐ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Postcard for PTO Mail Room Date Stamp (should be specifically itemized).
13. ☐ Small Entity Statement(s)  
☐ Statement filed in prior application, status still proper and desired.
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed).
15. ☐ Other
16. ☐ **If Continuing Application**, check appropriate box and supply the requisite information below and in a preliminary amendment:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_, filed \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

#### Fee Calculation

17. ☒ A check in the amount ☒ \$480.00 for a Large Entity, or ☐ \$240.00 for a Small Entity, to cover the filing fee, is enclosed.
18. ☐ Please charge my Deposit Account No. 04-1644 in the amount of \$ \_\_\_\_\_.
19. ☒ The Commissioner is authorized to charge payment of the following amounts associated with this communication or credit any overpayment to Deposit Account No. 04-1644:  
☒ Additional filing fees under 37 CFR 1.16 or deficiencies in remittances therefor.  
☒ Additional processing fees under 37 CFR 1.17 or deficiencies in remittances therefor.  
☐ **ONLY if applicant has partially paid** the patent issue fee under 37 C.F.R. §1.18, then the **deficiency** shall be charged to Deposit Account No. 04-1644, and the Commissioner is authorized to so charge the Deposit Account.

Date: February 14, 2000

Attorney's Signature

  
\_\_\_\_\_  
Lisa V. Mueller, Reg. No. 38,978

Correspondence Address:  
ROCKEY, MILNAMOW & KATZ, LTD.  
Two Prudential Plaza  
180 North Stetson Avenue, Suite 4700  
Chicago, Illinois 60601  
Telephone: (312) 616-5400  
Facsimile: (312) 616-5460

### CERTIFICATE OF MAILING BY EXPRESS MAIL

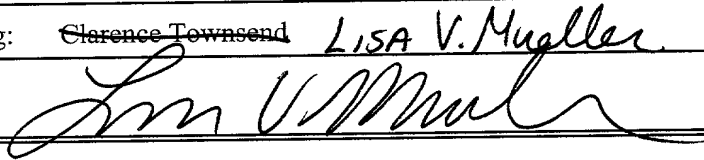
I hereby certify that this Plant Patent Application Transmittal, enclosed application, and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Label No.: EL515099800US

Date of Deposit: February 14, 2000

Typed/Printed Name of Person Signing: ~~Clarence Townsend~~ LISA V. Mugger

Signature:



## CHRYSANTHEMUM PLANT NAMED 95-157-6

### Background of the Invention

The present invention comprises a new and distinctive chrysanthemum plant, hereinafter referred to by the cultivar name 95-157-6. This new cultivar was the result of a cross in 1989 between *Dendranthema weyrichii* and *Dendranthema grandiflora*. More specifically, the breeding program which resulted in the production of the new cultivar was carried out at St. Paul, Minnesota. The female or seed parent of 95-157-6 was a *Dendranthema weyrichii*, commercially available from White Flower Farms, Connecticut having the following characteristics: (a) the plant habit is prostrate and the plant spreads via rhizomes to form a large mat after the first year; (b) the plant dimensions are that the plant has a diameter of about 1.5' and is about 5-6" tall; (c) the plant is hardy in zones 4-9 (Southeast)/Zone 10 (west); (d) the flower of the plant is a single daisy, having light lavender-colored ray florets and central disc florets with yellow pollen; (e) the plant has leaves that are dark green in color, with a very shiny leaf surface (glossy), and glabrous leaf margins that are deeply incised; and (d) the plant tends to rosette, needs cold treatment to flower consistently, flowering can be sporadic with gaps in the plant architecture and the plant is an obligate short-day plant. The male or pollen parent of 95-157-6 was a *Dendranthema grandiflora* which is commercially available from Yoder Brothers, Inc., Barberton, Ohio having the following characteristics: (a) the plant habit is cushion; (b) the plant dimensions are that the plant is similar to other cushion types commercially available from Yoder Brothers, Inc., such as, but not limited to the variety, 'Shasta'; (d) the plant is hardy in zones 6-9 (Southeast)/Zone 10 (west); (d) the flower is a single or duplex daisy, possibly orange or bronze ray florets, central disc florets with yellow pollen; (e) the plant has leaves that are similar to other Yoder Brothers, Inc. cushion series chrysanthemums; and (d) the plant is a facultative short-day plant. The resulting seeds, identified as 90-287-194 were collected. In 1991, a plant of 90-

287-194 was crossed as the male parent with plants identified as 77-AM3-3, a University of Minnesota inbred parental selection, as the female parent and the resulting seeds, identified as cross number 92-279-2 were collected. In 1994, a plant of 92-279-2 was crossed as the male parent with plants of the cultivar 'Baby Tears', which is commercially available from Yoder Brothers, Inc., Barberton, Ohio, as the female parent and the resulting seeds, identified as cross number 95-157, were collected. In 1995, seedlings of the cross 95-157 were germinated and the flowering progeny evaluated. 95-157-6 was the sixth plant from the cross and was selected in the fall of 1995. The parentage of the new cultivar can be summarized as follows:

*Dendranthema weyrichii* x *Dendranthema grandiflora*

Asexual reproduction of the new cultivar by terminal or stem cuttings taken during 1996 through 1999 at St. Paul, Minnesota, U.S.A. has demonstrated that the characteristics of the new cultivar as herein described are firmly fixed and are retained through successive generations of such asexual propagation.

#### **Summary of Invention**

It was found that the cultivar of the present invention:

- (a) exhibits extreme hybrid vigor,
- (b) develops, in its second and subsequent years after planting, when grown in the fall under natural daylength and without the application of growth regulators, into a flowering herbaceous shrub having a plant height of from about 1.8 to about 2.25 feet and a spread from about 2.4 to about 5.0 feet,

- (c) exhibits, in its second and subsequent years after planting and during the fall season (August-October), a massive floral display,
- (d) displays flowers which are slightly toned with grey, giving the flower petals a slightly altered coloration,
- (e) exhibits superior winter hardiness, including frost tolerance, and
- (f) exhibits self-pinching.

The 95-157-6 cultivar has not been observed under all possible environmental conditions to date. Accordingly, it is possible that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length.

When the new cultivar of the present invention is compared to 'Stephanie' (U.S. Plant Patent No. 9,445), it is found to exhibit a more spreading and prolific habit accompanied with a massive floral display in its second and subsequent years after planting. Reference is made to attached Chart A which compares certain characteristics of 95-157-6 to 'Stephanie'.

#### **Brief Description of the Photographs**

The accompanying photographs show as nearly true as it is reasonably possible to make the same in color illustrations of this type, typical flower and foliage characteristics of the new cultivar. The plants were grown in a greenhouse at St. Paul, Minnesota, USA.

Figure 1 shows an adaxial and abaxial views of the leaf shape of chrysanthemum variety 95-157-6.

Figure 2 shows the breeding history of chrysanthemum variety 95-157-6.

Figure 3 is a color photograph of chrysanthemum variety 95-157-6 after one year of growth.

Figure 4 is a color photograph of chrysanthemum variety 95-157-6 after two years of growth.

### Detailed Botanical Description

The chart used in the identification of colors described herein is the R.H.S. Colour Chart of The Royal Horticultural Society, London, England. The color values were determined on October 15, 1999 in St. Paul, Minnesota. The readings were taken between 1:30 and 2:00 p.m. under approximately 2500 footcandles of light. The plants were produced from cuttings taken from stock plants and were grown under greenhouse conditions comparable to those used in commercial practice while utilizing a soilless growth medium and maintaining temperatures of approximately 72°F during the day and approximately 65°F during the night.

#### Propagation

Type	Herbaceous stem cutting
Time to rooting	About 1 week
Rooting habit	Vigorous

#### Botanical Classification

*Dendranthema x hybrida*

#### Commercial Classification

Chrysanthemum hybrid

#### Plant Description

Appearance, shape	Spherical mound
Appearance, growth habit	Cushion
Appearance, growth rate/vigor	Vigorous

Plant height	about 18 to about 19 inches (first year) about 1.8 to about 2.25 feet (second year)
Lateral branch length	1 to 2.5 feet
Quantity of lateral branches after removal of apical meristem	One per node
Stem color	RHS Paris Green 58/1

### Foliage Description

Number of leaves per plant	Greater than 8,000 (second year)
Number of leaves per lateral branch	5 to 20
Leaf arrangement	Alternate
Leaf size, fully expanded, length	7.8 cm
Leaf size, fully expanded, width	4.8 cm
Leaf apex	Mucronulate
Leaf base	Cuneate
Leaf margin	Incised (Mulberry-like incisions)
Leaf texture	Mildly hirsute
Petiole length	2.2 cm
Color, young foliage adaxial surface	RHS Scheeles Green 860/2
Color, young foliage abaxial surface	RHS Spinach Green o960/2
Color, fully expanded foliage adaxial surface	RHS Spinach Green o960
Color, fully expanded foliage abaxial surface	RHS Spinach Green o960/1 to RHS Spinach Green o960/3
Color, venation adaxial surface	RHS Spinach Green o960/2
Color, venation abaxial surface	RHS Spinach Green o960/3
Color, petiole	RHS Scheeles Green 860/1

### Inflorescence Description

Appearance	Head (composite), pentaplex daisy
Flowering response	About 6 weeks (SD)
Quantity of inflorescences	About 1000 (first year)



	About 3,000 (second year)
Inflorescence size, diameter	7.1 cm
Inflorescence size, depth (height)	3.4 cm
Inflorescence size, diameter of disc	1.0 cm
Opening inflorescences, bud shape	Dome shaped to upright tubular
Opening inflorescences, bud size, length	0.6 cm
Opening inflorescences, bud size, width	0.7 cm
Opening inflorescences, bud color	RHS Creamy White
Ray florets, shape	Linear lanceolate
Ray florets, size, length	2.7 cm
Ray florets, size, width	0.6 cm
Ray florets, apex	Retuse
Ray florets, base	Attenuate
Ray florets, margin	Entire
Ray florets, texture	Glabrous
Ray florets, aspect	From about 45° vertical to slightly pendant 45°
Number of ray florets per inflorescence	About 119
Ray florets, color, when opening, adaxial surface	RHS Sap Green 62/3
Ray florets, color, when opening, abaxial surface	RHS Uranium Green 63/3
Ray florets, color, mature, adaxial surface	RHS White
Ray florets, color, mature, abaxial surface	RHS White
Ray florets, color, fading to	RHS White
Disc florets, shape	Tubular, rounded at tip
Disc florets, size, length	0.7 cm
Disc florets, size, width	0.2 cm
Number of disc florets per inflorescence	About 100
Disc florets, color, immature	RHS Straw Yellow 604
Disc florets, color, mature	RHS Chinese Yellow 606
Peduncle, aspect, strength	Stiff
Peduncle, aspect, angle to stem	45°

Peduncle, length, first peduncle	3 cm
Peduncle, length, fourth peduncle	4.6 cm
Peduncle, texture	Mildly hirsute
Peduncle, color	RHS Viridian Green 55/3
Reproductive organs, androecium, floret location	Disc florets
Anther color	RHS Canary Yellow 2/1
Pollen, abundance	Abundant
Pollen, color	RHS Buttercup Yellow 5
Reproductive organs, gynoecium, floret location	Disc/ray florets
Style color	RHS Buttercup Yellow 5/2

### **Disease Resistance**

None Known

### **Seed Production**

About 219 ovules/flower

### **Winter Hardiness**

Hardy in zones 3-10 in uncovered field conditions without the need for added protection such as snow fences, mulch, etc.

### **Frost Tolerance**

Yes, extends blooming season to the first freeze in the north (In zones 3-4 the first frost usually takes place between September 1-15. In zones 3-4, the first freeze usually takes place between October 1-20).

WHAT IS CLAIMED IS:

1. A new and distinct cultivar of Chrysanthemum named 95-157-6 substantially as herein shown and described, which:
  - (a) exhibits extreme hybrid vigor,
  - (b) develops, in its second and subsequent years after planting, when grown in the fall under natural daylength without the application of growth regulators, into a flowering herbaceous shrub having and without the application of growth regulators, into a flowering herbaceous shrub having a plant height of from about 1.8 to about 2.25 feet and a spread from about 2.4 to about 5.0 feet,
  - (c) exhibits, in its second and subsequent years after planting and during the fall season (August-October), a massive floral display,
  - (d) displays flowers which are slightly toned with grey, giving the flower petals a slightly altered coloration,
  - (e) exhibits superior winter hardiness, including frost tolerance, and
  - (f) exhibits self-pinching.

CHARACTERISTIC	95-157-6	'Stephanie'
Capitulum form and type	Pentaplex daisy	Flat daisy
Plant Height	About 18 to 19 inches (first year); about 1.8 to about 2.25 feet (second year)	10 to 12 inches
Branching Pattern	Spreading and very prolific	Spreading and prolific
Flowering Response	6 weeks	7 weeks
Flower diameter	7.1 cm	5.8 to 6.1 cm
Ray florets, color, mature	White	White

### Abstract of the Disclosure

A new and distinct Chrysanthemum plant named 95-157-6 is provided. This new cultivar was the result of a unique cross between *Dendranthema weyrichii* and *Dendranthema grandiflora*.

## CHRYSANTHEMUM PLANT NAMED 95-157-6

### Background of the Invention

The present invention comprises a new and distinctive chrysanthemum plant, hereinafter referred to by the cultivar name 95-157-6. This new cultivar was the result of a cross in 1989 between *Dendranthema weyrichii* and *Dendranthema grandiflora*. More specifically, the breeding program which resulted in the production of the new cultivar was carried out at St. Paul, Minnesota. The female or seed parent of 95-157-6 was a *Dendranthema weyrichii*, commercially available from White Flower Farms, Connecticut having the following characteristics: (a) the plant habit is prostrate and the plant spreads via rhizomes to form a large mat after the first year; (b) the plant dimensions are that the plant has a diameter of about 1.5' and is about 5-6" tall; (c) the plant is hardy in zones 4-9 (Southeast)/Zone 10 (west); (d) the flower of the plant is a single daisy, having light lavender-colored ray florets and central disc florets with yellow pollen; (e) the plant has leaves that are dark green in color, with a very shiny leaf surface (glossy), and glabrous leaf margins that are deeply incised; and (d) the plant tends to rosette, needs cold treatment to flower consistently, flowering can be sporadic with gaps in the plant architecture and the plant is an obligate short-day plant. The male or pollen parent of 95-157-6 was a *Dendranthema grandiflora* which is commercially available from Yoder Brothers, Inc., Barberton, Ohio having the following characteristics: (a) the plant habit is cushion; (b) the plant dimensions are that the plant is similar to other cushion types commercially available from Yoder Brothers, Inc., such as, but not limited to the variety, 'Shasta'; (d) the plant is hardy in zones 6-9 (Southeast)/Zone 10 (west); (d) the flower is a single or duplex daisy, possibly orange or bronze ray florets, central disc florets with yellow pollen; (e) the plant has leaves that are similar to other Yoder Brothers, Inc. cushion series chrysanthemums; and (d) the plant is a facultative short-day plant. The resulting seeds, identified as 90-287-194 were collected. In 1991, a plant of 90-

287-194 was crossed as the male parent with plants identified as 77-AM3-3, a University of Minnesota inbred parental selection, as the female parent and the resulting seeds, identified as cross number 92-279-2 were collected. In 1994, a plant of 92-279-2 was crossed as the male parent with plants of the cultivar 'Baby Tears', which is commercially available from Yoder Brothers, Inc., Barberton, Ohio, as the female parent and the resulting seeds, identified as cross number 95-157, were collected. In 1995, seedlings of the cross 95-157 were germinated and the flowering progeny evaluated. 95-157-6 was the sixth plant from the cross and was selected in the fall of 1995. The parentage of the new cultivar can be summarized as follows:

*Dendranthema weyrichii* x *Dendranthema grandiflora*

Asexual reproduction of the new cultivar by terminal or stem cuttings taken during 1996 through 1999 at St. Paul, Minnesota, U.S.A. has demonstrated that the characteristics of the new cultivar as herein described are firmly fixed and are retained through successive generations of such asexual propagation.

**Summary of Invention**

It was found that the cultivar of the present invention:

- (a) exhibits extreme hybrid vigor,
- (b) develops, in its second and subsequent years after planting, when grown in the fall under natural daylength and without the application of growth regulators, into a flowering herbaceous shrub having a plant height of from about 1.8 to about 2.25 feet and a spread from about 2.4 to about 5.0 feet,

- (c) exhibits, in its second and subsequent years after planting and during the fall season (August-October), a massive floral display,
- (d) displays flowers which are slightly toned with grey, giving the flower petals a slightly altered coloration,
- (e) exhibits superior winter hardiness, including frost tolerance, and
- (f) exhibits self-pinching.

The 95-157-6 cultivar has not been observed under all possible environmental conditions to date. Accordingly, it is possible that the phenotype may vary somewhat with variations in the environment, such as temperature, light intensity, and day length.

When the new cultivar of the present invention is compared to 'Stephanie' (U.S. Plant Patent No. 9,445), it is found to exhibit a more spreading and prolific habit accompanied with a massive floral display in its second and subsequent years after planting. Reference is made to attached Chart A which compares certain characteristics of 95-157-6 to 'Stephanie'.

#### **Brief Description of the Photographs**

The accompanying photographs show as nearly true as it is reasonably possible to make the same in color illustrations of this type, typical flower and foliage characteristics of the new cultivar. The plants were grown in a greenhouse at St. Paul, Minnesota, USA.

Figure 1 shows an adaxial and abaxial views of the leaf shape of chrysanthemum variety 95-157-6.



Figure 2 shows the breeding history of chrysanthemum variety 95-157-6.

Figure 3 is a color photograph of chrysanthemum variety 95-157-6 after one year of growth.

Figure 4 is a color photograph of chrysanthemum variety 95-157-6 after two years of growth.

### **Detailed Botanical Description**

The chart used in the identification of colors described herein is the R.H.S. Colour Chart of The Royal Horticultural Society, London, England. The color values were determined on October 15, 1999 in St. Paul, Minnesota. The readings were taken between 1:30 and 2:00 p.m. under approximately 2500 footcandles of light. The plants were produced from cuttings taken from stock plants and were grown under greenhouse conditions comparable to those used in commercial practice while utilizing a soilless growth medium and maintaining temperatures of approximately 72°F during the day and approximately 65°F during the night.

#### **Propagation**

Type	Herbaceous stem cutting
Time to rooting	About 1 week
Rooting habit	Vigorous

#### **Botanical Classification**

*Dendranthema x hybrida*

#### **Commercial Classification**

Chrysanthemum hybrid

#### **Plant Description**

Appearance, shape	Spherical mound
Appearance, growth habit	Cushion
Appearance, growth rate/vigor	Vigorous

Plant height	about 18 to about 19 inches (first year) about 1.8 to about 2.25 feet (second year)
Lateral branch length	1 to 2.5 feet
Quantity of lateral branches after removal of apical meristem	One per node
Stem color	RHS Paris Green 58/1

### **Foliage Description**

Number of leaves per plant	Greater than 8,000 (second year)
Number of leaves per lateral branch	5 to 20
Leaf arrangement	Alternate
Leaf size, fully expanded, length	7.8 cm
Leaf size, fully expanded, width	4.8 cm
Leaf apex	Mucronulate
Leaf base	Cuneate
Leaf margin	Incised (Mulberry-like incisions)
Leaf texture	Mildly hirsute
Petiole length	2.2 cm
Color, young foliage adaxial surface	RHS Scheeles Green 860/2
Color, young foliage abaxial surface	RHS Spinach Green o960/2
Color, fully expanded foliage adaxial surface	RHS Spinach Green o960
Color, fully expanded foliage abaxial surface	RHS Spinach Green o960/1 to RHS Spinach Green o960/3
Color, venation adaxial surface	RHS Spinach Green o960/2
Color, venation abaxial surface	RHS Spinach Green o960/3
Color, petiole	RHS Scheeles Green 860/1

### **Inflorescence Description**

Appearance	Head (composite), pentaplex daisy
Flowering response	About 6 weeks (SD)
Quantity of inflorescences	About 1000 (first year)

	About 3,000 (second year)
Inflorescence size, diameter	7.1 cm
Inflorescence size, depth (height)	3.4 cm
Inflorescence size, diameter of disc	1.0 cm
Opening inflorescences, bud shape	Dome shaped to upright tubular
Opening inflorescences, bud size, length	0.6 cm
Opening inflorescences, bud size, width	0.7 cm
Opening inflorescences, bud color	RHS Creamy White
Ray florets, shape	Linear lanceolate
Ray florets, size, length	2.7 cm
Ray florets, size, width	0.6 cm
Ray florets, apex	Retuse
Ray florets, base	Attenuate
Ray florets, margin	Entire
Ray florets, texture	Glabrous
Ray florets, aspect	From about 45° vertical to slightly pendant 45°
Number of ray florets per inflorescence	About 119
Ray florets, color, when opening, adaxial surface	RHS Sap Green 62/3
Ray florets, color, when opening, abaxial surface	RHS Uranium Green 63/3
Ray florets, color, mature, adaxial surface	RHS White
Ray florets, color, mature, abaxial surface	RHS White
Ray florets, color, fading to	RHS White
Disc florets, shape	Tubular, rounded at tip
Disc florets, size, length	0.7 cm
Disc florets, size, width	0.2 cm
Number of disc florets per inflorescence	About 100
Disc florets, color, immature	RHS Straw Yellow 604
Disc florets, color, mature	RHS Chinese Yellow 606
Peduncle, aspect, strength	Stiff
Peduncle, aspect, angle to stem	45°

Peduncle, length, first peduncle	3 cm
Peduncle, length, fourth peduncle	4.6 cm
Peduncle, texture	Mildly hirsute
Peduncle, color	RHS Viridian Green 55/3
Reproductive organs, androecium, floret location	Disc florets
Anther color	RHS Canary Yellow 2/1
Pollen, abundance	Abundant
Pollen, color	RHS Buttercup Yellow 5
Reproductive organs, gynoecium, floret location	Disc/ray florets
Style color	RHS Buttercup Yellow 5/2

### **Disease Resistance**

None Known

### **Seed Production**

About 219 ovules/flower

### **Winter Hardiness**

Hardy in zones 3-10 in uncovered field conditions without the need for added protection such as snow fences, mulch, etc.

### **Frost Tolerance**

Yes, extends blooming season to the first freeze in the north (In zones 3-4 the first frost usually takes place between September 1-15. In zones 3-4, the first freeze usually takes place between October 1-20).

WHAT IS CLAIMED IS:

1. A new and distinct cultivar of Chrysanthemum named 95-157-6 substantially as herein shown and described, which:
  - (a) exhibits extreme hybrid vigor,
  - (b) develops, in its second and subsequent years after planting, when grown in the fall under natural daylength without the application of growth regulators, into a flowering herbaceous shrub having and without the application of growth regulators, into a flowering herbaceous shrub having a plant height of from about 1.8 to about 2.25 feet and a spread from about 2.4 to about 5.0 feet,
  - (c) exhibits, in its second and subsequent years after planting and during the fall season (August-October), a massive floral display,
  - (d) displays flowers which are slightly toned with grey, giving the flower petals a slightly altered coloration,
  - (e) exhibits superior winter hardiness, including frost tolerance, and
  - (f) exhibits self-pinching.

CHARACTERISTIC	95-157-6	'Stephanie'
Capitulum form and type	Pentaplex daisy	Flat daisy
Plant Height	About 18 to 19 inches (first year); about 1.8 to about 2.25 feet (second year)	10 to 12 inches
Branching Pattern	Spreading and very prolific	Spreading and prolific
Flowering Response	6 weeks	7 weeks
Flower diameter	7.1 cm	5.8 to 6.1 cm
Ray florets, color, mature	White	White

### Abstract of the Disclosure

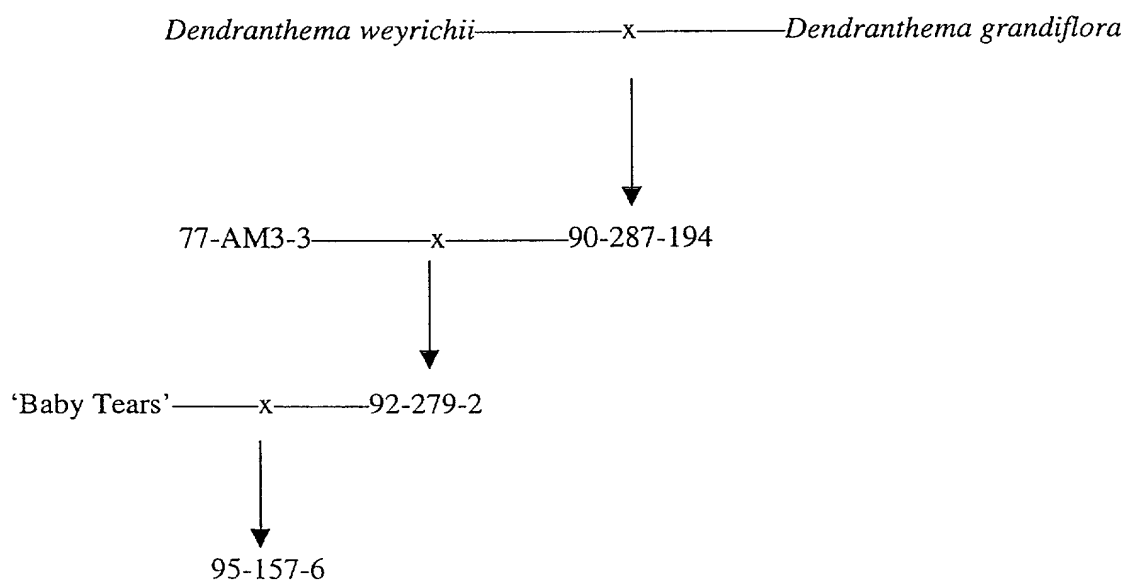
A new and distinct Chrysanthemum plant named 95-157-6 is provided. This new cultivar was the result of a unique cross between *Dendranthema weyrichii* and *Dendranthema grandiflora*.

FIGURE 1





FIGURE 2



**FIGURE 3**



[illegible]

<p style="text-align: center;">PLANT PATENT APPLICATION (35 U.S.C. 161) DECLARATION (37 CFR 1.63)</p> <p><input checked="" type="checkbox"/> Declaration Submitted With Initial Filing      <input type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(e)) required)</p>		Attorney Docket No.: BAL6019P0190US
		First Named Inventor: Neil Owen Anderson <i>et al.</i>
		<i>COMPLETE IF KNOWN</i>
		Application Number: Unassigned
		Filing Date: February 14, 2000
		Group Art Unit: Unassigned
		Examiner Name: Unassigned

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first, and joint inventor (if plural names are listed) of the new and distinct variety of: Chrysanthemum plant name: 95-157-6 which is claimed and for which a plant patent is sought, the specification of which:

- ☒ is attached hereto; or
- ☐ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim, as amended by any amendment referred to above.

I have asexually reproduced the plant to which this application applies.

- ☐ Said plant was found in a cultivated area (check this box for newly found plant only)

I acknowledge the duty to disclose all information to the Patent and Trademark Office known to me to be material to patentability of this application, as defined in 37 CFR. 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- ☐ Additional foreign application numbers are listed on a supplemental priority data sheet (PTO/SB/02B) attached hereto.

I hereby claim the benefit under 35 U.S.C. 119 (e) of any United States application(s) listed below.

Application Number(s)	Filing Date	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet (PTO/SB/02B) attached hereto.

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date	Parent Patent Number (if applicable)

- ☐ Additional U.S. or PCT International application numbers are listed on a supplemental priority data sheet (PTO/SB/02B) attached hereto.

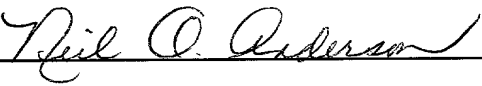
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

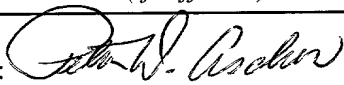
Lawrence J. Chapa	Reg. No. 39,135	Paul M. Odell	Reg. No. 28,332
Randall T. Erickson	Reg. No. 33,872	Robert B. Polit	Reg. No. 33,993
Stephen D. Geimer	Reg. No. 28,846	Elaine M. Ramesh	Reg. No. 43,032
Allen J. Hoover	Reg. No. 24,103	Keith V. Rockey	Reg. No. 24,713
Martin L. Katz	Reg. No. 25,011	Thomas I. Ross	Reg. No. 29,275
Kathleen A. Lyons	Reg. No. 31,852	Joel E. Siegel	Reg. No. 25,440
John P. Milnamow	Reg. No. 20,635	Paul M. Vargo	Reg. No. 29,116
Lisa V. Mueller	Reg. No. 38,978		

whose mailing address for this application is: Lisa V. Mueller  
ROCKEY, MILNAMOW & KATZ, LTD.  
Two Prudential Plaza - Suite 4700  
180 North Stetson Avenue  
Chicago, Illinois 60601  
Telephone: (312) 616-5400  
Facsimile: (312) 616-5460

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false

statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name of Sole or First Inventor:</b> Neil Owen Anderson	
Citizenship: United States	
Residence: 746 Wheelock Parkway East, St. Paul, MN 55106	
Post Office Address (if different): Same as above	
Signature: 	Date: 2-9-2000

<b>Name of Additional Inventor, if any:</b> Peter David Ascher	
Citizenship: United States	
Residence: 1231 Rose Vista Court, #10, St. Paul, MN 55113	
Post Office Address (if different): Same as above	
Signature: 	Date: 2-9-2000

<b>Name of Additional Inventor, if any:</b>	
Citizenship:	
Residence:	
Post Office Address (if different):	
Signature:	Date:

<b>Name of Additional Inventor, if any:</b>	
Citizenship:	
Residence:	
Post Office Address (if different):	
Signature:	Date:

<b>Name of Additional Inventor, if any:</b>	
Citizenship:	
Residence:	
Post Office Address (if different):	
Signature:	Date: